



SEQUENCE LISTING

<110> Lanctot, et al.

<120> Nucleic Acid Molecule, Method and Kit for Selecting a Nucleic Acid Having A Desired Feature

<130> 2003390-0001

<140> 09/641,931

<141> 2000-08-18

<160> 45

<170> PatentIn Ver. 2.1

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<212> DNA

<213> Artificial Sequence

<220>

<223> sequence is completely synthesized

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ggatccaata gaggattctt taac

24

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ggatcctacg aacatgcgac cactg 25

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tcatttcgt gtgcttagtca g 21

<210> 5
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agcgaattcg tcctgtggac agatcactgc 30

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gctctcgagg aaggcacagc tgcttccac 30

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cttctcgagc agtttaaacg tgagcttccc 30

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acgtctagat catcttcgtg tgcttagtcag 30

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<400> 10
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ccagagctca tgcggaccac tttctgt 28

<210> 13
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tcgcgattta aattaattaa gctt 24

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aagcttaatt aatttaatac gcga 24

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<400> 15
agacgcgtag atctcacc 18

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<400> 16
gatccgcacc gcaatatggc 20

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<400> 17
tctagagatg cattatgcac atcag 25

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<400> 18
tccaaaggcat cagaggggaa ataaaggcatc tctacggtgg tcctaaatag tcagcatagt 60

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<400> 19
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<400> 20
tagtcagcat agtacattc 20

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tcgatcccaa ttcgcggccg ctctattgga tcctcgagca gatctgcagc a 51

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<400> 22
agatgaatca agcttatcga taccgtcgag catgcata ggtgtccaag ccatcagagg 60
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atactacaac accaccacca tgaataga 148

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653

<223> sequence is completely synthesized

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gagtggtccg catggta

18

<210> 24

<211> 54

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<400> 24

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaggggaatt tcgcgattta aatt

54

<210> 25

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<212> DNA

<213> Sindbis virus

<220>

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<400> 25

tctgcagcac cactggtcac ggcaatgtgt ttgctcgaa atgtgagc

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<210> 26

<211> 16

<212> PRT

<213> Sindbis virus

<220>

<223> sequence is completely synthesized

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Ser Ala Ala Pro Leu Val Thr Ala Met Cys Leu Leu Gly Asn Val Ser

1

5

10

15

<210> 27

<211> 48

<212> DNA

<213> Artificial Sequence

54

<220>
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<400> 27
tctgcagcac cactggcac ggcaatgtgt cggagcggaa atgtgagc

48

<210> 28
<211> 16
<212> PRT
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<220>
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<400> 28
Ser Ala Ala Pro Leu Val Thr Ala Met Cys Arg Ser Gly Asn Val Ser
1 5 10 15

<210> 29
<211> 44
<212> DNA
<213> Artificial Sequence

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<400> 29
gagagagaga gagtttaaac gtcgactttt tttttttttt tttt

44

<210> 30
<211> 34
<212> DNA
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<220>
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<400> 30
gctaagcttg ctatcgccgg cccgcgagaat tcgt

34

<210> 31
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<212> DNA
<213> Artificial Sequence

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18

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<400> 31
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30

<210> 32
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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<400> 32
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1 5 10 15

<210> 33
<211> 13
<212> DNA
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<220>
<223> sequence is completely synthesized

<400> 33
gagctcatgc gga 13

<210> 34
<211> 132
<212> DNA
<213> Mouse

<400> 34
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tttgtggatac gcggactctg ttgctgcttg cagtaacttc gtgcctagca acatgccaat 120
atttgcaatc gg 132

<210> 35
<211> 222
<212> DNA
<213> Homo sapiens

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ccacgctgtg cacaatgggt tcctcgagg caccggat gggagtg 60
ggctgatggc attgctgatg gccgttta ttctgccagg aatctggct aagacattg 120
ggaccctctc ggaccctgt aaggaccca cgaggatcac ctccccaat gacccttgc 180
tcattggaaa gactggctcc aacagcatca gcagccaagg tg 222

<210> 36
<211> 132
<212> DNA
<213> Mouse

<400> 36
agcagcggttgcacccggcga accatggctg ggattttcta tttcatcctc tttcggttc 60
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tattggatttca 132

<210> 37
<211> 262
<212> DNA
<213> Mouse

<400> 37
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tccagcagtatgtttcatc ttgcctgaa gcctcgctgg agattgtggg ctctctggcc 180
cgactgcctg atcaacagga tacagcttagt gatgccagt ttgaggtaaa cagaggttt 240
aaggaagaag gaagccaga ta 262

<210> 38
<211> 36
<212> PRT
<213> Mouse

<400> 38
Met Leu Ser Phe Val Asp Thr Arg Thr Leu Leu Leu Ala Val Thr
1 5 10 15

Ser Cys Leu Ala Thr Cys Gln Tyr Leu Gln Ser Gly Ser Ser Ser Arg
20 25 30

Ser Ala Ala Pro
35

<210> 39
<211> 78
<212> PRT
<213> Homo sapiens

<400> 39
Met Gly Ser Ser Gln Ala Pro Arg Met Gly Ser Val Gly Gly His Gly
1 5 10 15

Leu Met Ala Leu Leu Met Ala Gly Ile Leu Pro Gly Ile Leu Ala Lys
20 25 30

Ser Ile Gly Thr Leu Ser Asp Pro Cys Lys Asp Pro Thr Arg Ile Thr
35 40 45

Ser Pro Asn Asp Pro Cys Leu Ile Gly Lys Thr Gly Ser Asn Ser Ile
50 55 60

Ser Ser Gln Gly Gly Ser Ser Ser Arg Ser Ala Ala Ser Pro
65 70 75

<210> 40
<211> 44
<212> PRT
<213> Mouse

<400> 40
Met Ala Gly Ile Phe Tyr Phe Leu Phe Ser Phe Leu Phe Gly Ile Cys
1 5 10 15

Asp Ala Val Thr Gly Ser Arg Val Tyr Pro Ala Asn Glu Val Thr Leu
20 25 30

Leu Asp Ser Arg Ser Ser Arg Ser Ala Ala Pro
35 40

<210> 41
<211> 88
<212> PRT
<213> Mouse

<400> 41
Met Glu Asn Arg Leu Leu Arg Val Phe Leu Val Trp Ala Ala Leu Thr
1 5 10 15

Met Asp Gly Ala Ser Ala Lys Gln Asp Gly Leu Trp Glu Ser Lys Ser

20

25

30

Ser Ser Asp Val Ser Ser Cys Pro Glu Ala Leu Ser Leu Glu Ile Val
35 40 45

Gly Ser Leu Ala Arg Leu Pro Asp Gln Gln Asp Thr Ala Gln Asp Ala
50 55 60

Ser Val Glu Val Asn Arg Gly Phe Lys Glu Glu Gly Ser Pro Asp Arg
65 70 75 80

Ser Ser Ser Arg Ser Ala Ala Pro
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<210> 42

<211> 309

<212> DNA

<213> Mouse

<400> 42

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aggttttcca agaatccctc ggcatggcaa gacaaggctg tttcgggtca taccaggtaa 180
tatccttgtt cactttgcc atcggcgtca atctctgctt aggattcaca gcaagtcgaa 240
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acacatctg 309

<210> 43

<211> 114

<212> DNA

<213> Mouse

<400> 43

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<210> 44

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<212> PRT

<213> Mouse

<400> 44

Met Ala Arg Gln Gly Cys Phe Gly Ser Tyr Gln Val Ile Ser Leu Phe
1 5 10 15

1259

Thr Phe Ala Ile Gly Val Asn Leu Cys Leu Gly Phe Thr Ala Ser Arg
20 25 30

Ile Lys Arg Ala Glu Trp Asp Glu Gly Pro Pro Thr Val Leu Ser Asp
35 40 45

Ser Pro Trp Thr Asn Thr Ser Gly Ser Ser Ser Arg Ser Ala Ala Pro
50 55 60

210 <210> 45

211 <211> 45

212 <212> PRT

213 <213> Mouse

400 <400> 45

Met Lys Thr Cys Thr Gln His Asn Arg Phe Lys Arg Gly Val Pro Leu
1 5 10 15

Ala Arg Leu Lys Ile Gln Ser Leu Val Phe Gly Ile Trp Met Gln Ser
20 25 30

Leu Phe Leu Asp Gly Ser Ser Ser Arg Ser Ala Ala Pro
35 40 45

CD
15